



Docket No.: M0656.70098US00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: John Landers  
Serial No.: 10/676154  
Confirmation No.: 7775  
Filed: September 29, 2003  
For: METHODS AND PRODUCTS RELATED TO GENOTYPING AND  
DNA ANALYSIS  
Examiner: Shubo Zhou  
Art Unit: 1631

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: June 2, 2006

*Melissa L.B. Lyons*  
Melissa L.B. Lyons

**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the restriction requirement for species election set forth in the Office Action mailed March 13, 2006 (Paper No. 030706), applicant hereby elects the following species for continued examination.

Under Part 1 of the species election requirement, which requires the election of a distinct type of RCG, applicant hereby elects the species covered by A2, a randomly primed PCR-derived RCG for prosecution on the merits, without traverse. Additionally, the Examiner has required further election of a sub-species. Applicant hereby elects sub-species A2-2, the adapter-PCR, with traverse. The traversal is based on commonality of the PCR methods. Each method is designed to reduce the complexity of the genome. The exact method used will not alter the preparation of the reduced complexity genome.

Under Part 2 of the species election requirement, which requires an election to a type of sample, applicant hereby elects the species covered by B2, a genomic sample selected randomly from a population for prosecution on the merits, without traverse.

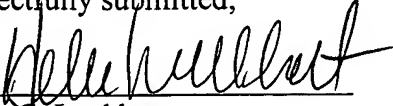
Under Part 3 of the species election requirement, which requires an election of the type of physical state of the nucleic acids for hybridization, applicant hereby elects the species covered by C2, where the SNP-ASO is immobilized on a surface, for prosecution on the merits, with traverse. The traversal is based on the fact that the hybridization step is the important step. The hybridization can be performed whether the SNP-ASO or the reduced complexity genome is attached to the surface.

The claims that are readable on the species elected include claims 149-152, 154-156, 161-162, and 164-166.

As noted by the Examiner, upon the allowance of a generic claim, Applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.146. Having made this election, Applicant expressly reserves the right to file one or more divisional applications on the subject matter of the non-elected species.

Dated: June 2, 2006

Respectfully submitted,

By 

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